

What is claimed is:

1. A managing apparatus for managing data necessary for providing a content, comprising:
reserving means for reserving a delivery
resource for each content;
storing means for storing reserved delivery
resource assignment information; and
transmitting means for transmitting the
reserved delivery resource assignment information.

10 2. A managing apparatus for managing data necessary for providing a content, comprising:
content list displaying means for displaying a list of contents that can be provided;
reservation state displaying means for displaying a reservation state of a delivery resource;
content selecting means for selecting a content to which a resource is assigned; and
operating means for assigning a delivery resource to the selected content.

20 3. The managing apparatus as set forth in claim 1 or 2, further comprising:
transmitting means for transmitting a content corresponding to a reserved delivery resource.

4. The managing apparatus as set forth in claim 1 or 2, further comprising:
automatic designating means for automatically designating a delivery resource,

wherein an automatically designated delivery resource is operated.

5. The managing apparatus as set forth in claim 1 or 2,

5 wherein a delivery resource is assigned corresponding to a convenience of a content provider.

6. The managing apparatus as set forth in claim 1 or 2, further comprising:

10 converting means for converting the format of each content corresponding to a reserved delivery resource.

7. The managing apparatus as set forth in claim 1 or 2,

15 wherein a transmission resource is reserved for each content, the transmission resource being composed of a limited transmission band and transmission time, and

wherein each content is transmitted corresponding to the reserved information.

20 8. The managing apparatus as set forth in claim 1 or 2,

wherein a delivery resource is assigned in such a manner that a plurality of transmission paths are selected.

25 9. The managing apparatus as set forth in claim 1 or 2,

wherein a transmission resource is reserved

for each content, the transmission resource being composed of a limited transmission band and transmission time, and

wherein each content is stored corresponding to the reserved information.

5 10. The managing apparatus as set forth in claim 1 or 2,

wherein a reservation state can be browsed from one or more distributed environments.

10 11. The managing apparatus as set forth in claim 1 or 2,

wherein a delivery resource can be reserved from one or more distributed environments.

12. A managing method for managing data necessary for providing a content, comprising the steps of:

reserving a delivery resource for each content;

storing reserved delivery resource assignment information; and

transmitting the reserved delivery resource assignment information.

20 13. A managing method for managing data necessary for providing a content, comprising the steps of:

displaying a list of contents that can be provided;

displaying a reservation state of a delivery resource;

selecting a content to which a resource is assigned; and assigning a delivery resource to the selected content.